

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048374.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 03:33
 Operator : YP\AJ
 Sample : P2580-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 07:33:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.958	3749298	25.989 ug/ml
Spiked Amount 50.000		Recovery =	51.98%
12) S 1-chlorooctadecane (S...	13.393	26465920	236.850 ug/ml
Spiked Amount 50.000		Recovery =	473.70%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.367f	67912	0.492 ug/ml
4) T n-Dodecane (C12)	6.757	93017	0.698 ug/ml
5) T A~2-methylnaphthalene...	7.400	115880	0.871 ug/ml
6) T n-Tetradecane (C14)	8.586	316831	2.391 ug/ml
7) T n-Hexadecane (C16)	10.193	458471	3.334 ug/ml
8) T n-Octadecane (C18)	11.636	489300	3.513 ug/ml
10) T n-Eicosane (C20)	12.946	338871	2.517 ug/ml
11) T n-Heneicosane (C21)	13.576	951184	7.186 ug/ml
13) T n-Docosane (C22)	14.144	263959	1.992 ug/ml
14) T n-Tetracosane (C24)	15.242	478752	3.595 ug/ml
15) T n-Hexacosane (C26)	16.267	153274	1.149 ug/ml
16) T n-Octacosane (C28)	17.217	205816	1.546 ug/ml
17) T n-Tricontane (C30)	18.105	927420	6.720 ug/ml
18) T n-Dotriacontane (C32)	18.935	1572556	11.385 ug/ml
19) T n-Tetratriacontane (C34)	19.720	1966644	14.437 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3142817	23.211 ug/ml
21) T n-Octatriacontane (C38)	21.202	5867050	42.494 ug/ml
22) T n-Tetracontane (C40)	22.127	3421198	24.556 ug/ml

(f)=RT Delta > 1/2 Window

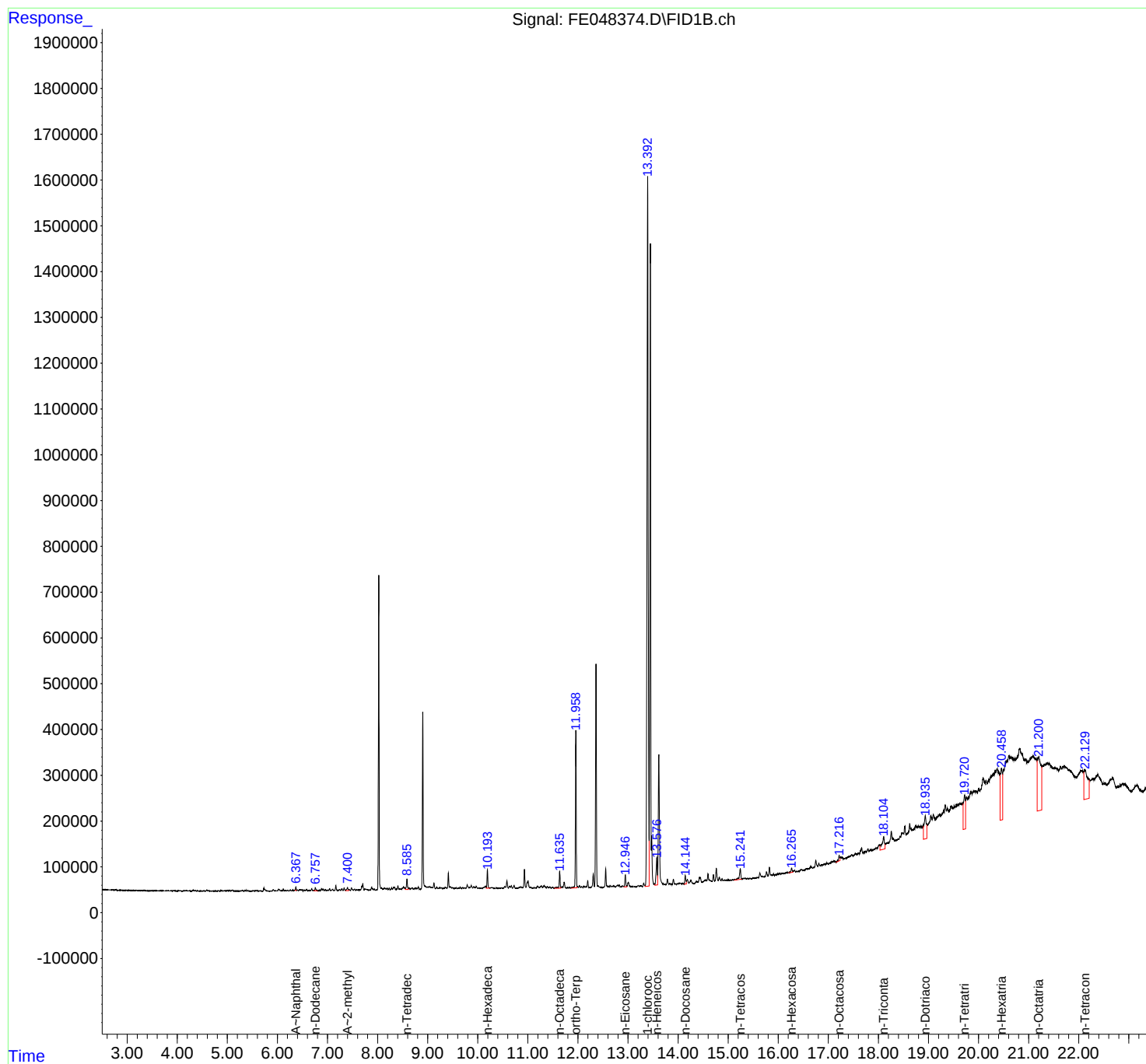
(m)=manual int.

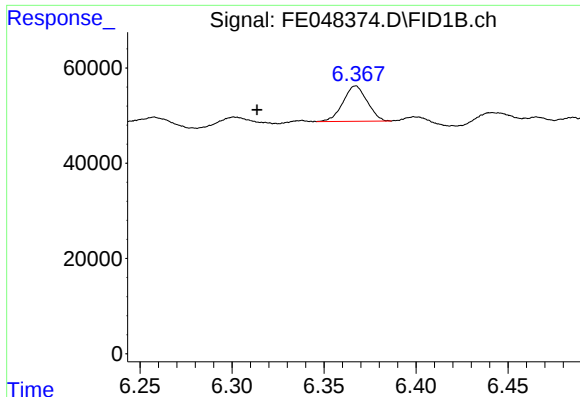
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
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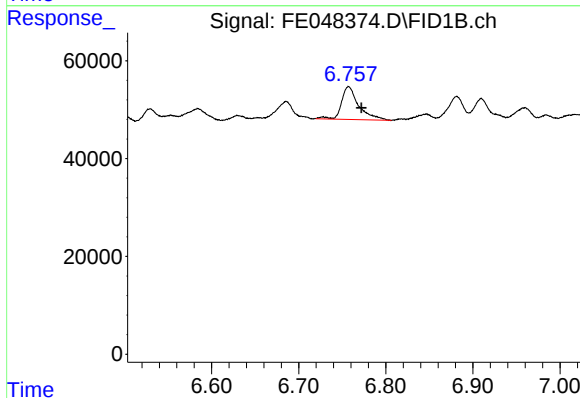




#3 A~Naphthalene (C11.7)

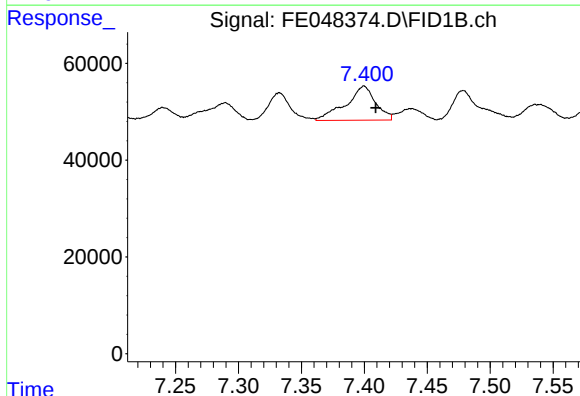
R.T.: 6.367 min
Delta R.T.: 0.054 min
Response: 67912
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



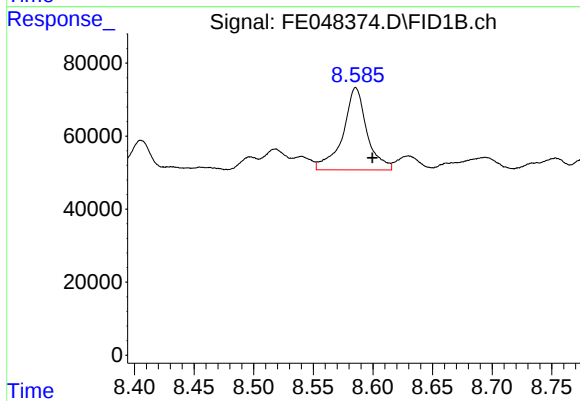
#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: -0.015 min
Response: 93017
Conc: 0.70 ug/ml



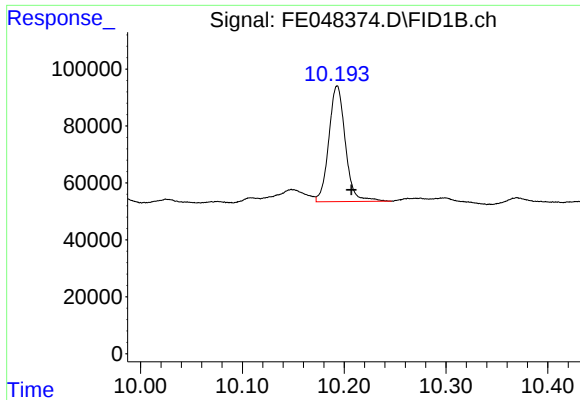
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.400 min
Delta R.T.: -0.009 min
Response: 115880
Conc: 0.87 ug/ml



#6 n-Tetradecane (C14)

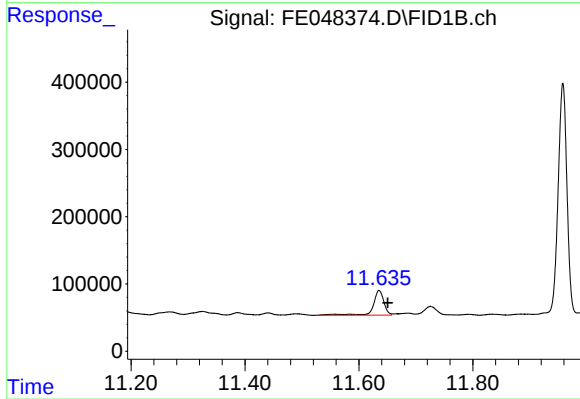
R.T.: 8.586 min
Delta R.T.: -0.014 min
Response: 316831
Conc: 2.39 ug/ml



#7 n-Hexadecane (C16)

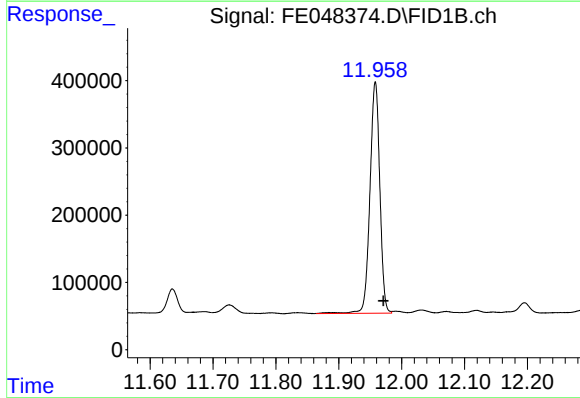
R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 458471
Conc: 3.33 ug/ml

Instrument :
FID_E
ClientSampleId :



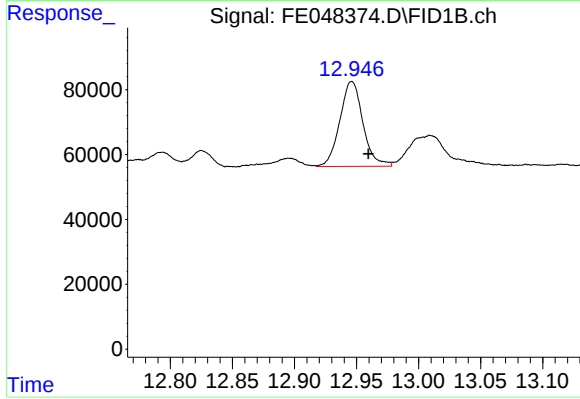
#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.015 min
Response: 489300
Conc: 3.51 ug/ml



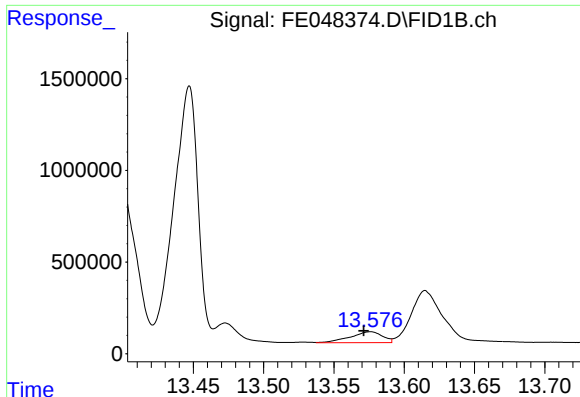
#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 3749298
Conc: 25.99 ug/ml



#10 n-Eicosane (C20)

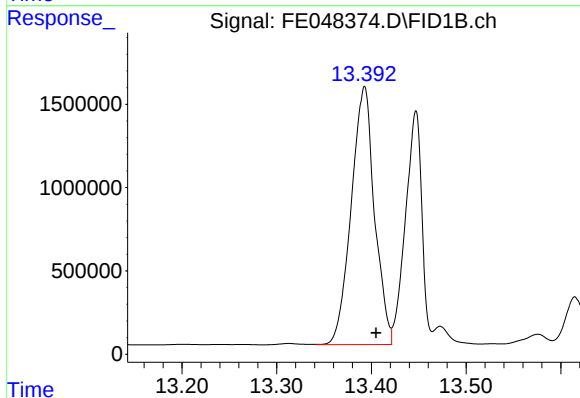
R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 338871
Conc: 2.52 ug/ml



#11 n-Heneicosane (C21)

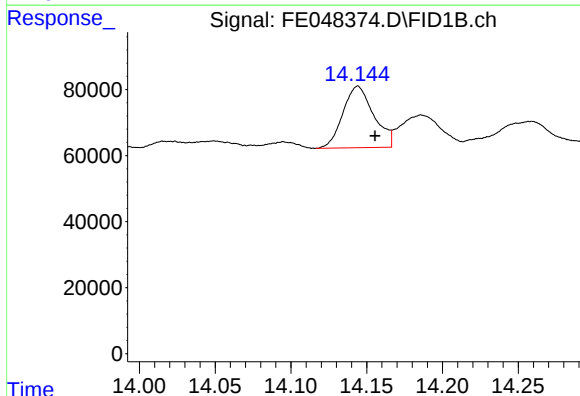
R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 951184
Conc: 7.19 ug/ml

Instrument :
FID_E
ClientSampleId :



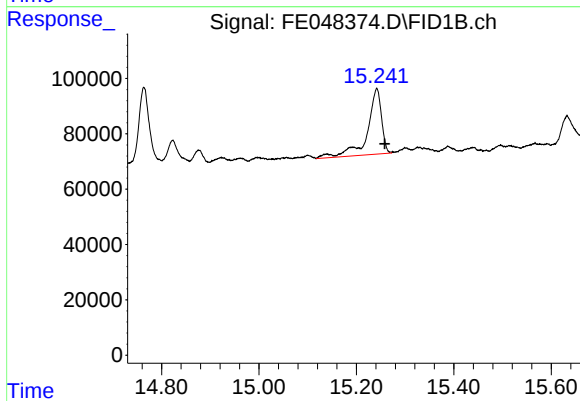
#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.012 min
Response: 26465920
Conc: 236.85 ug/ml



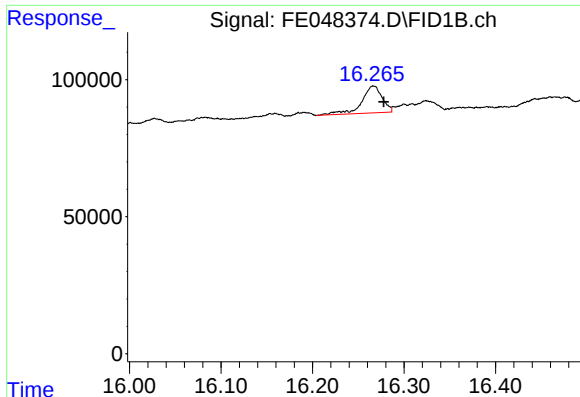
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 263959
Conc: 1.99 ug/ml



#14 n-Tetracosane (C24)

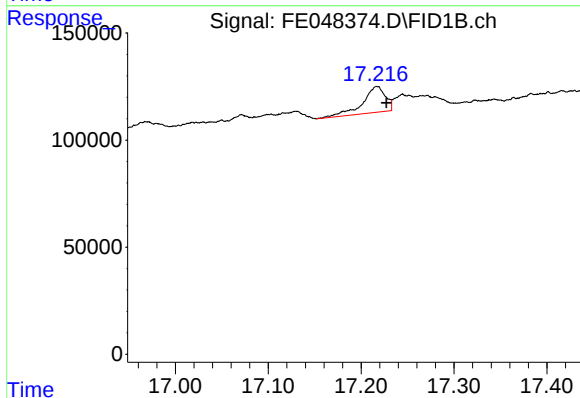
R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 478752
Conc: 3.60 ug/ml



#15 n-Hexacosane (C26)

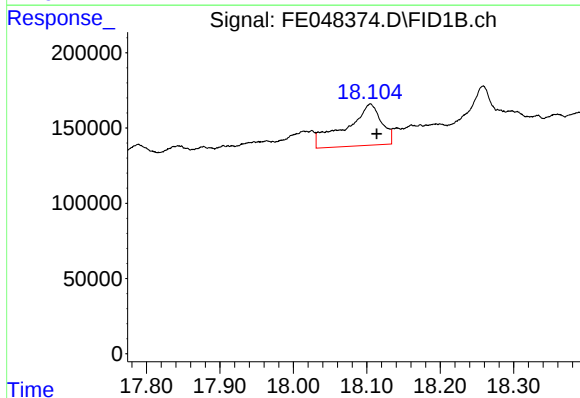
R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 153274
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



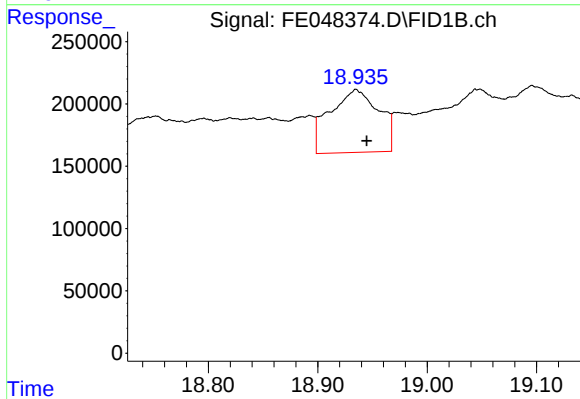
#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.010 min
Response: 205816
Conc: 1.55 ug/ml



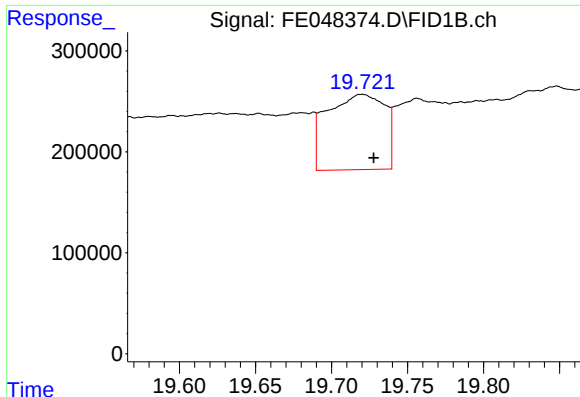
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.009 min
Response: 927420
Conc: 6.72 ug/ml



#18 n-Dotriacontane (C32)

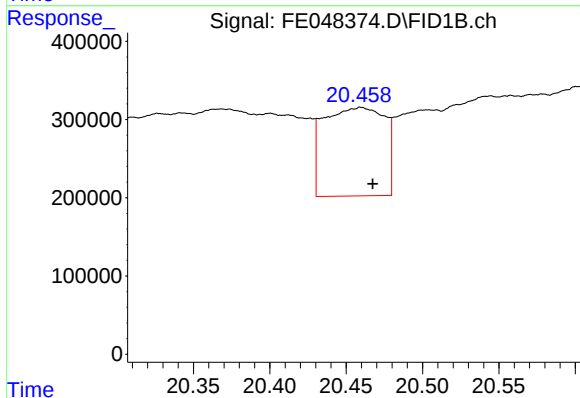
R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 1572556
Conc: 11.38 ug/ml



#19 n-Tetratriacontane (C34)

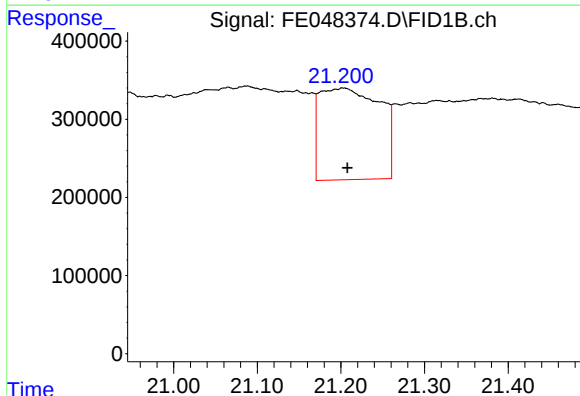
R.T.: 19.720 min
Delta R.T.: -0.008 min
Response: 1966644
Conc: 14.44 ug/ml

Instrument :
FID_E
ClientSampleId :



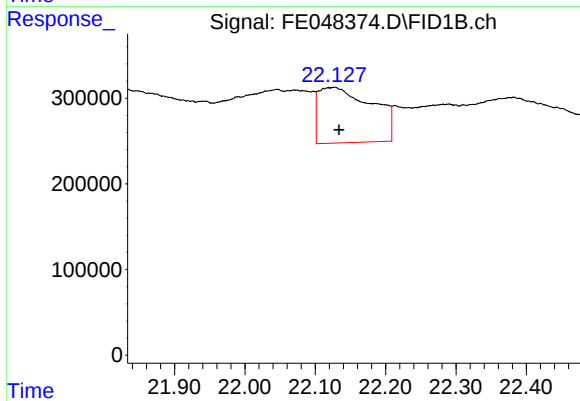
#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.008 min
Response: 3142817
Conc: 23.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.005 min
Response: 5867050
Conc: 42.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.007 min
Response: 3421198
Conc: 24.56 ug/ml